

No.



200000151

# THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Pioneer Hi-Bred International, inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE FOREGOING PURPOSE, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT, (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'92B63'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this fourteenth day of June, in the year of our Lord two thousand one.

Attest:

*Alan K. Post*

Acting Commissioner  
Plant Variety Protection Office  
Agricultural Marketing Service

*Andrew Johnson*

Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
SCIENCE DIVISION - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE  
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a).

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) (as it is to appear on the Certificate)  Pioneer Hi-Bred International, Inc.		2. EXPERIMENTAL NUMBER	3. VARIETY NAME  92B63
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)  7300 NW 62nd Ave P.O. Box 1004 Johnston, Iowa 50131-1004		5. TELEPHONE (include area code)  515-254-2638	<b>FOR OFFICIAL USE ONLY</b> PVPO NUMBER 2000000151 FILING DATE 2/7/2000 FILING AND EXAMINATION FEE: \$ 2450.00 DATE 2/7/2000 CERTIFICATION FEE: \$ 320.00/100 DATE 6/6/01
7. GENUS AND SPECIES NAME  Glycine max L.		6. FAX (include area code)  515-253-2288	
8. FAMILY NAME (Botanical)  Leguminosae		9. CROP KIND NAME (Common name)  Soybean	
10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) (Common name)  Corporation			
11. IF INCORPORATED, GIVE STATE OF INCORPORATION  Iowa		12. DATE OF INCORPORATION  May 6, 1926	
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  Daria H. Schmidt 7300 NW 62nd Ave. P.O. Box 1004 Johnston, Iowa 50131-1004  Jean Bromert (Copy) 7100 NW 62nd Ave. P.O. Box 1000 Johnston, Iowa 50131-1000			14. TELEPHONE (include area code)  515-254-2638
			15. FAX (include area code)  515-253-2288
16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)			
a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of the Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Applicant's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,600 viable untreated seeds or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in a public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$2450), made payable to "Treasurer of the United States" (Mail to PVPO)			
17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED (See Section 83(a) of the Plant Variety Protection Act)? <input type="checkbox"/> YES If "yes," answer items 18 and 19 below <input checked="" type="checkbox"/> NO If "no," go to item (20)			
18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> YES <input type="checkbox"/> NO		19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED	
20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES? <input type="checkbox"/> YES (If "yes," give names of countries and dates) <input checked="" type="checkbox"/> NO			
21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate  The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.			
SIGNATURE OF APPLICANT (Owner(s))  Daria H. Schmidt		SIGNATURE OF APPLICANT (Owner(s))	
Name (Please print or type)  Daria H. Schmidt		Name (Please print or type)	
CAPACITY OR TITLE  Oilseeds Technology Integration Coordinator	DATE  2/4/00	CAPACITY OR TITLE	DATE

**Exhibit A. Origin and Breeding History of the Variety**

Soybean Variety 92B63

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Variety 92B63 evolved from a 1993 cross of Stine 2660/9321.

It is an F4 derived variety, which was advanced to the F4 generation by modified single seed descent. The F5 progeny row of 92B63 was grown in summer of 1995. Subsequently, 93B63 has undergone 4 years of extensive testing and purification and has been observed by the breeder to be uniform and stable for all plant traits from generation to generation, with no evidence of variants. On the basis of yield for maturity variety 92B63 was assigned a commercial number.

The purification block was grown during summer of 1997 and eight F7 derived sub-lines were bulked for increase. Twenty-five acres of 92B63 (breeders seed) were grown in summer of 1998. One hundred thirty six acres of parent seedstock (foundation seed equivalent) were grown in the summer of 1999 and 7694 bushels harvested.

**Exhibit B. Statement of Distinctness**

Soybean Variety 92B63

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Soybean Variety 92B63 is most similar to Pioneer variety 92B52. Both varieties have white flowers, light tawny pubescence and brown hila. However they differ for Isozyme activity as shown in the chart below.

CULTIVAR	ISOZYME											
	ACO2	ACO3	ACO4	ACP	DIA	ENP	IDH1	IDH2	MDH	MPI	PGM1	PHI1
92B63	2	1	3	A	B	A	2	1	B	A	1	2
92B52	2	1	3	A	A	A	2	1	B	A	1	1

Variety 92B63 is also similar to Pioneer variety 9321 for qualitative traits. However, 92B63 is significantly different for a number of quantitative traits. Pioneer variety 92B63 has a seed size of 3456 seeds per pound whereas Pioneer variety 9321 has a seed size of 3853 seeds per pound. Pioneer variety 92B63 matures 2 days earlier and is 7 centimeters shorter than Pioneer variety 9321. Pioneer variety 92B63 also has a lodging score of 1.25 compared to 2.0 for Pioneer variety 9321 (1=errect and 5=flat)

Pioneer Hi-Bred Int'l Inc,  
PVP Application - Exhibit B - Soybean Variety 92B63

Table 1. T-test comparison of 9321 versus 92B63 for seeds per pound.

YEAR	LOC	REP	9321 (X1)	92B63 (X2)	X1-X2	(X1-X2) <sup>2</sup>
--- seeds per pound ---						
1999	C01J	1	3868	3367	501	251001
	C01J	2	3859	3447	412	169744
	C01J	3	3898	3450	448	200704
	C01J	4	3787	3560	227	51529
	C01BN	1	3684	3244	440	193600
1999	SUM		19096	17068	2028	866578
	MEAN		3819.2	3413.6	289.7	=d
	n =		5 groups of individuals			

1999 ANALYSIS

Ave 9321 = 3819.20 seeds per pound  
Ave 92B63 = 3413.60 seeds per pound  
d = (Ave X1 - Ave X2) = 405.60  
SE diff = SQRT of  $\frac{2201.060}{4} = 46.915$   
SE diff = 46.915  
t = d/SE diff = 8.645  
df = 4  
Prob > t = 0.0010 significant at <1% level

Formula for Standard Error Calculations:

$$SE \text{ diff} = \sqrt{\frac{\sum (X1-X2)^2 - (\sum X1-X2)^2/n}{(n)(n-1)}}$$

1999 Standard Error Calculation:

$$SE \text{ diff}_{99} = \sqrt{\frac{866578 - ((2028)^2/5)}{(5)(4)}}$$

Observations are from plots planted using a randomized complete block design. Planted plot length was 15 feet, trimmed to 12 feet. Plot width was 4 - 30 inch rows, or 10 feet. Values used were collected from grain harvested from these plots.

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Pioneer Hi-Bred Int'l Inc,  
PVP Application - Exhibit B - Soybean Variety 92B63

Table 2. T-test comparison of 9321 versus 92B63 for lodging score.

YEAR	LOC	REP	9321 (X1)	92B63 (X2)	X1-X2	(X1-X2) <sup>2</sup>
---Lodging 1=errect and 5=flat ---						
1999	C01J	1	2.0	1.5	0.5	0.3
	C01J	2	2.0	1.5	0.5	0.3
	C01J	3	2.0	1.0	1.0	1.0
	C01J	4	2.0	1.0	1.0	1.0
<b>1999 ANALYSIS</b>						
			Ave 9321 =			
			Ave 92B63 =			
			d = (Ave X1 - Ave X2)			
			SE diff = SQRT of			
			SE diff =			
			t = d/SE diff =			
			df =			
			Prob > t =			
1999	SUM		8	5	3	3
	MEAN		2.0	1.3	0.5 =d	
	n =		4 groups of individuals			

Observations are from plots planted using a randomized complete block design. Planted plot length was 15 feet, trimmed to 12 feet. Plot width was 4 - 30 inch rows, or 10 feet. Lodging was scored at maturity and is recorded on a 1 (erect) to 5 (flat) scale.

Formula for Standard Error Calculations:

$$SE \text{ diff} = \sqrt{\frac{\sum (X1-X2)^2 - (\sum X1-X2)^2 / n}{(n) (n-1)}}$$

2.00 Lodging  
1.25 Lodging  
0.75  
0.021  
0.144  
5.196  
3

1999 Standard Error Calculation:

$$SE \text{ diff}_{99} = \sqrt{\frac{2.6 - ((3)^2/4)}{(4) (3)}}$$

0.0138 significant at <5% level

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U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
SEED DIVISION - PLANT VARIETY PROTECTION OFFICE  
BELTSVILLE, MARYLAND 20705

EXHIBIT C  
(Soybean)

OBJECTIVE DESCRIPTION OF VARIETY  
SOYBEAN (*Glycine max* L.)

NAME OF APPLICANT(S) <b>Pioneer Hi-Bred International, Inc.</b>	TEMPORARY DESIGNATION	VARIETY NAME <b>92B63</b>
ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code) <b>7300 N.W. 62nd Ave., P.O. Box 1004 Johnston, IA 50131-1004</b>		FOR OFFICIAL USE ONLY PVPO NUMBER <b>2000001517</b>

Choose the appropriate response which characterizes the variety in the features described below. When the number of significant digits in your answer is fewer than the number of boxes provided, place a zero on the first box when number is 9 or less (e.g., ). Starred characters ★ are considered fundamental to an adequate soybean variety description. Other characters should be described when information is available.

1. SEED SHAPE:








1 = Spherical (L/W, L/T, and T/W ratios = < 1.2)  
3 = Elongate (L/T ratio > 1.2; T/W = < 1.2)

2 = Spherical Flattened (L/W ratio > 1.2; L/T ratio = < 1.2)  
4 = Elongate Flattened (L/T ratio > 1.2; T/W > 1.2)

★ 2. SEED COAT COLOR: (Mature Seed)

1 = Yellow    2 = Green    3 = Brown    4 = Black    5 = Other (Specify)

3. SEED COAT LUSTER: (Mature Hand Shelled Seed)

1 = Dull ('Corsoy 79'; 'Braxton')    2 = Shiny ('Nebsoy'; 'Gasoy 17')

★ 4. SEED SIZE: (Mature Seed)

Grams per 100 seeds

★ 5. HILUM COLOR: (Mature Seed)

1 = Buff    2 = Yellow    3 = Brown    4 = Gray    5 = Imperfect Black    6 = Black    7 = Other (Specify)

★ 6. COTYLEDON COLOR: (Mature Seed)

1 = Yellow    2 = Green

★ 7. SEED PROTEIN PEROXIDASE ACTIVITY:

1 = Low    2 = High

★ 8. SEED PROTEIN ELECTROPHORETIC BAND:

1 = Type A (SP1 a)    2 = Type B (SP1 b)

★ 9. HYPOCOTYL COLOR:

1 = Green only ('Evans'; 'Davis')    2 = Green with bronze band below cotyledons ('Woodworth'; 'Tracy')  
3 = Light Purple below cotyledons ('Beeson'; 'Pickett 71')  
4 = Dark Purple extending to unifoliate leaves ('Hodgson'; 'Coker Hampton 266A')

★ 10. LEAFLET SHAPE:

1 = Lanceolate    2 = Oval    3 = Ovate    4 = Other (Specify)

## 11. LEAFLET SIZE:

1 = Small ('Amsoy 71'; 'A5312')

2 = Medium ('Corsoy 79'; 'Gasoy 17')

3 = Large ('Crawford'; 'Tracy')

## 12. LEAF COLOR:

1 = Light Green ('Weber'; 'York')

2 = Medium Green ('Corsoy 79'; 'Braxton')

3 = Dark Green ('Gnome'; 'Tracy')

## ★ 13. FLOWER COLOR:

1 = White

2 = Purple

3 = White with purple throat

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## ★ 14. POD COLOR:

1 = Tan

2 = Brown

3 = Black

## ★ 15. PLANT PUBESCENCE COLOR:

1 = Gray

2 = Brown (Tawny)

(Light Tawny)

## 16. PLANT TYPES:

1 = Slender ('Essex'; 'Amsoy 71')

2 = Intermediate ('Amcor'; 'Braxton')

3 = Bushy ('Gnome'; 'Govan')

## ★ 17. PLANT HABIT:

1 = Determinate ('Gnome'; 'Braxton')

2 = Semi-Determinate ('Will')

3 = Indeterminate ('Nebsoy'; 'Improved Pelican')

## ★ 18. MATURITY GROUP:

 

1 = 000

2 = 00

3 = 0

4 = I

5 = II

6 = III

7 = IV

8 = V

9 = VI

10 = VII

11 = VIII

12 = IX

13 = X

## ★ 19. DISEASE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant)

## BACTERIAL DISEASES:

★ Bacterial Pustule (*Xanthomonas phaseoli* var. *sojensis*)★ Bacterial Blight (*Pseudomonas glycinea*)★ Wildfire (*Pseudomonas tabaci*)

## FUNGAL DISEASES:

★ Brown Spot (*Septoria glycines*)Frogeye Leaf Spot (*Cercospora soja*)★ 

Race 1

Race 2

Race 3

Race 4

Race 5

Other (Specify)

Target Spot (*Corynespora cassiicola*)Downy Mildew (*Peronospora trifoliorum* var. *manshurica*)Powdery Mildew (*Microsphaera diffusa*)★ Brown Stem Rot (*Cephalosporium gregatum*)Stem Canker (*Diaporthe phaseolorum* var. *caulivora*)



## 19. DISEASES REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) (Continued)

## FUNGAL DISEASES: (Continued)

- ★ ☐ 1 Pod and Stem Blight (*Diaporthe phaseolorum* var; *sojae*)  
☐ 0 Purple Seed Stain (*Cercospora kikuchii*)  
☐ 1 Rhizoctonia Root Rot (*Rhizoctonia solani*)  
 Phytophthora Rot (*Phytophthora megasperma* var. *sojae*)
- ★ ☐ 1 Race 1 ☐ 0 Race 2 ☐ 0 Race 3 ☐ 0 Race 4 ☐ 0 Race 5 ☐ 0 Race 6 ☐ 0 Race 7  
☐ 0 Race 8 ☐ 0 Race 9 ☐ 0 Other (Specify)

## VIRAL DISEASES:

- ☐ 1 Bud Blight (Tobacco Ringspot Virus)  
☐ 1 Yellow Mosaic (Bean Yellow Mosaic Virus)  
 ★ ☐ 1 Cowpea Mosaic (Cowpea Chlorotic Virus)  
☐ 1 Pod Mottle (Bean Pod Mottle Virus)  
 ★ ☐ 1 Seed Mottle (Soybean Mosaic Virus)

## NEMATODE DISEASES:

- Soybean Cyst Nematode (*Heterodera glycines*)  
 ★ ☐ 0 Race 1 ☐ 0 Race 2 ☐ 1 Race 3 ☐ 0 Race 4 ☐ 0 Other (Specify)  
☐ 0 Lance Nematode (*Hoplolaimus Colombus*)  
 ★ ☐ 0 Southern Root Knot Nematode (*Meloidogyne incognita*)  
 ★ ☐ 0 Northern Root Knot Nematode (*Meloidogyne Hapla*)  
☐ 0 Peanut Root Knot Nematode (*Meloidogyne arenaria*)  
☐ 0 Reniform Nematode (*Rotylenchulus reniformis*)  
☐ 0 OTHER DISEASE NOT ON FORM (Specify)

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## 20. PHYSIOLOGICAL RESPONSES: (ENTER 0 = Not tested, 1 = Susceptible, 2 = Resistant)

- ★ ☐ 0 Iron Chlorosis on Calcareous Soil  
☐ 0 Other (Specify)

## 21. INSECT REACTION: (ENTER 0 = Not tested, 1 = Susceptible, 2 = Resistant)

- ☐ 0 Mexican Bean Beetle (*Epilachna Varivestis*)  
☐ 0 Potato Leaf Hopper (*Empoasca fabae*)  
☐ 0 Other (Specify)

## 22. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED.

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant Shape	Pioneer 92B52	Seed Coat Luster	Pioneer 92B52
Leaf Shape	Pioneer 92B52	Seed Size	Amsoy 71
Leaf Color	Pioneer 92B21	Seed shape	Pioneer 92B52
Leaf Size	Pioneer 92B52	Seedling Pigmentation	Pioneer 92B52

Variety Name 92B63

23. GIVE DATA FOR SUBMITTED AND SIMILAR STANDARD VARIETY : Paired Comparison Data

VARIETY	NO. OF DAYS MATURITY	PLANT LODGING SCORE	CM PLANT HEIGHT	LEAFLET SIZE		SEED CONTENT		SEED SIZE G/100 SEED	NO. SEEDS POD
				CM Width	CM Length	% Protein	% Oil		
Submitted 92B63	126.3	1.7	85.8			37	17	15.3	3
Name of Similar Variety 92B52	123.8	1.8	84.5			37	19	16.7	3

PUBLICATIONS USEFUL AS REFERENCE AIDS FOR COMPLETING THIS FORM:

1. Caldwell, B.E., ed. 1973. Soybeans: Improvement, Production, and Uses. Amer. Soc. Agron. Monograph No. 16.
2. Buttery, B.R. and R.I. Buzzell. 1968. Peroxidase activity in seeds of soybean varieties. Crop Sci., 8: 722-725.
3. Hymowitz, T. 1973. Electrophoretic analysis of SBTI-A2 in the USDA soybean germplasm collection. Crop. Sci., 13: 420-421
4. Payne, R.C. and L.F. Morris. 1976. Differentiation of soybean cultivars by seedling pigmentation patterns. J. Seed Technol. 1:1-19

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**Exhibit D. Additional Description of the Variety**

Soybean Variety 92B63

In Exhibit C we have identified variety 92B63 as susceptible to bacterial blight, brown spot, pod and stem blight, rhizoctonia root rot, bud blight, yellow mosaic, cowpea mosaic, pod mottle and seed mottle.

This does not mean that variety 92B63 is any worse for these problems than other varieties of similar maturity. Rather, we do not consider 92B63 to be immune to these problems. Therefore, we have chosen to be conservative and have identified the line as "susceptible".

Variety 92B63 is a mid Group II variety. If Group II varieties are divided into tenths, the relative maturity of 92B63 is 2.6.

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U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE

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Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

**EXHIBIT E**  
**STATEMENT OF THE BASIS OF OWNERSHIP**

1. Name Of Applicant(s)  Pioneer Hi-Bred International, Inc.	2. Temporary Designation Or Experimental Number	3. Variety Name  92B63
4. Address (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)  7300 NW 62nd Ave P.O. Box 1004 Johnston, Iowa 50131-1004	5. Telephone (include area code)  515-254-2638	6. Fax (include area code)  515-253-2288
	7. PVPO Number 12000000151	

8. Does the applicant own all rights to the variety? Mark an "X" in appropriate block. If no, Please explain. ☒ YES ☐ NO9. Is the applicant (individual or company) a U.S. national or U.S. based company? ☒ YES ☐ NO  
If no, give name of country10. Is the applicant the original owner? ☒ YES ☐ NO If no, please answer one of the following:

a. If original rights to variety were owned by individual(s), Is (are) the original owner(s) a U.S. national(s)?

☐ YES ☐ NO If no, give name of country

b. If original rights to variety were owned by a company(ies), is(are) the original owner(s) a U.S. based company?

☐ YES ☐ NO If no, give name of country

11. Additional explanation on ownership (If needed, use reverse for extra space):

**PLEASE NOTE:**

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

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